

AMENDMENTS TO THE CLAIMS

Amend the claims as follows:

1.-21. (canceled).

20. (currently amended) A coated substrate comprising a superalloy substrate and a chemically vapor deposited aluminide diffusion coating thereon including at a coating region or throughout the coating a dispersion distribution of a reactive element ~~for a surface active substrate impurity element by virtue of said reactive element being codeposited with aluminum on said substrate comprising Hf and/or Zr.~~

21. (currently amended) The coated substrate of Claim 20
~~wherein the reactive element is selected from the group consisting of Hf, Zr, Si and further comprising Y.~~

22.-25. (cancelled).

26. (new) A coated substrate comprising a superalloy substrate and an aluminide diffusion coating thereon including a distribution of Hf at a coating region or throughout the coating.

USSN 10/645,707

27. (new) A coated substrate comprising a superalloy substrate and an aluminide diffusion coating thereon including a distribution of Zr at a coating region or throughout the coating.